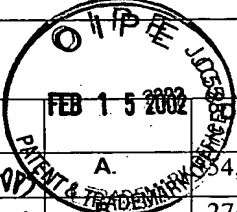
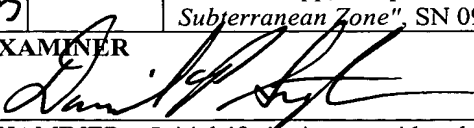


PTO-1449		Application No. 10/004,316		Applicant(s) Joseph A. Zupanick		
Information Disclosure Citation in an Application		Docket Number 067083.0162		Group Art Unit	Filing Date October 30, 2001	
		U.S. PATENT DOCUMENTS				
						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS FILING DATE	
DPS	A.	54,144	04/24/1866	Hamar		
		274,740	03/27/1883	Douglass		
	C.	526,708	10/02/1894	Horton		09/01/1893
	D.	639,036	12/12/1899	Heald		08/21/1899
	E.	1,189,560	07/04/1916	Gondos		10/21/1914
	F.	1,285,347	11/19/1918	Otto		02/09/1918
	G.	1,467,480	09/11/1923	Hogue		12/19/1921
	H.	1,485,615	03/04/1924	Jones		12/08/1920
	I.	1,674,392	06/19/1928	Flansburg		08/06/1927
	J.	1,777,961	10/07/1930	Capeliuschnicoff		04/04/1927
	K.	2,018,285	10/22/1935	Schweitzer et al.	166	21 11/27/1934
	DPS	L.	2,069,482	02/02/1937	Seay	255 76 04/18/1935

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DPS	M.	94/21889	09/29/1994	WO	E21B	43/24	x	
	N.	197 25 996 A1	01/02/1998	DE	E03B	3/10		x
	O.	0 875 661 A1	11/04/1998	EP	E21B	43/30	x	
	P.	0 819 834 A1	01/21/1998	EP	E21B	43/28		x
DPS	Q.	0 952 300 A1	10/27/1999	EP	E21B	7/12	x	

NON-PATENT DOCUMENTS			
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DPS	R.	McCray and Cole, "Oil Well Drilling and Technology," University of Oklahoma Press, pp 315-319	1959
	S.	Berger and Anderson, "Modern Petroleum," PennWell Books, pp 106-108	1978
	T.	Howard L. Hartman, et al.; "SME Mining Engineering Handbook," Society for Mining, Metallurgy, and Exploration, Inc.; pp 1946-1950, 2nd Edition, Volume 2	1992
	U.	Dave Hassan, Mike Chernichen, Earl Jensen, and Morley Frank; "Multi-lateral technique lowers drilling costs, provides environmental benefits", Drilling Technology, pp. 41-47	10/1999
	V.	Pend. Pat. App., Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," SN 09/444,029 (067083.0104)	11/19/1999
	W.	Joseph A. Zupanick; Declaration of Experimental Use, pp. 1-3	11/12/2000
DPS	X.	Pend Pat App, Joseph A. Zupanick "Method and System for Enhanced Access to a Subterranean Zone", SN 09/769,098 (067083.0118)	Filed 01/24/2001
EXAMINER		DATE CONSIDERED	
		3/18/03	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

PTO-1449		Application No. 10/004,316		Applicant(s) Joseph A. Zupanick	
Information Disclosure Citation in an Application		Docket Number 067083.0162		Group Art Unit	Filing Date October 30, 2001

U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	2,150,228	03/14/1939	Lamb	166	10	08/31/1936
	2,169,718	08/15/1939	Boll et al.	255	24	04/01/1937
C.	2,335,085	11/23/1943	Roberts	251	197	03/18/1947
D.	2,450,223	09/28/1948	Barbour	255	76	11/25/1944
E.	2,490,350	12/06/1949	Grable	166	4	12/15/1943
F.	2,679,903	06/01/1954	McGowen, Jr. et al.	166	1	11/23/1949
G.	2,726,063	12/06/1955	Ragland et al.	255	1.8	05/10/1952
H.	2,726,847	03/31/1952	McCune et al.	255	1.6	03/31/1952
I.	2,783,018	02/26/1957	Lytle	251	25	02/11/1955
J.	2,847,189	08/12/1958	Shook	255	76	01/08/1953
K.	2,911,008	11/03/1959	Du Bois	137	625.31	04/09/1956
L.	2,980,142	04/18/1961	Turak	137	637.3	09/08/1958
M.	3,347,595	10/17/1967	Dahms et al.	299	4	05/03/1965
N.	3,443,648	05/13/1969	Howard	175	103	09/13/1967
O.	3,473,571	10/21/1969	Dugay	137	625.4	12/27/1967
P.	3,503,377	03/31/1970	Beatenbough et al.	123	117	07/30/1968
Q.	3,528,516	09/15/1970	Brown	175	267	08/21/1968
R.	3,530,675	09/29/1970	Turzillo	61	35	08/26/1968

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
S.							

NON-PATENT DOCUMENTS		
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
T.	Pend Pat App, Joseph A. Zupanick et al., "Method and System for Accessing Subterranean Zones From a Limited Surface Area", SN 09/773,217 (067083.0113)	Filed 01/30/2001
U.	Pend Pat App, Joseph A. Zupanick et al., "Method and System for Accessing a Subterranean Zone From a Limited Surface Area," SN 09/774,996 (067083.0120)	Filed 01/30/2001
V.	Pend Pat App, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," SN 09/789,956 (067083.0137)	Filed 02/20/2001
W.	Pend Pat App, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," SN 09/788,897 (067083.0138)	Filed 02/20/2001
X.	Pend Pat App, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," SN 09/791,033 (067083.0139)	Filed 02/20/2001

EXAMINER

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PTO-1449	Application No. 10/004,316	Applicant(s) Joseph A. Zupanick	
Information Disclosure Citation in an Application	Docket Number 067083.0162	Group Art Unit	Filing Date October 30, 2001

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DP1	3,684,041	08/15/1972	Kammerer, Jr. et al.	175	267	11/16/1970
B.	3,692,041	09/19/1972	Bondi	137	238	01/04/1971
C.	3,757,876	09/11/1973	Pereau	175	267	09/01/1971
D.	3,757,877	09/11/1973	Leathers	175	269	12/30/1971
E.	3,800,830	04/02/1974	Etter	137	625.41	01/11/1973
F.	3,825,081	07/23/1974	McMahon	175	73	03/08/1973
G.	3,809,519	05/07/1974	Garner	425	245	10/19/1972
H.	3,828,867	08/13/1974	Elwood	175	45	05/15/1972
I.	3,874,413	04/01/1975	Valdez	137	625.47	04/01/1975
J.	3,902,322	09/02/1975	Watanabe	61	35	08/27/1973
K.	3,934,649	01/27/1976	Pasini, III et al.	166	254	07/25/1974
L.	3,957,082	05/18/1976	Fuson et al.	137	625.41	09/26/1974
M.	3,961,824	06/08/1976	Van Eek et al.	299	17	10/21/1974
N.	4,037,658	07/26/1977	Anderson	166	272	10/30/1975
O.	4,037,351	02/14/1978	Baum	175	14	06/10/1976
P.	4,089,374	05/16/1978	Terry	166	259	12/16/1976
Q.	4,116,012	09/26/1978	Abe et al.	405	238	07/14/1977
DP3	4,156,437	05/29/1979	Chivens et al.	137	554	02/21/1978

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
S.							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DP5	T. Gopal Ramaswamy, "Production History Provides CBM Insights," Oil & Gas Journal pages 49, 50 & 52	04/02/2001
U.	Pend Pat App, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," SN 09/885,219 (067083.0140)	Filed 06/20/2001
V.	Weiguo Chi & Luwu Yang, "Feasibility of Coalbed Methane Exploitation in China," Horizontal Well Technology, page 74	09/2001
W.	Nackerud Product Description	Received 09/27/2001
X.	Gopal Ramaswamy, "Advances Key For Coalbed Methane," The American Oil & Gas Reporter, pages 71 & 73.	10/2001
DP5	Y. Pend Pat App, Joseph A. Zupanick et al., "Method and System for Management of By-Products From Subterranean Zones," SN (067083.0134)	10/19/2001

EXAMINER

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PTO-1449

Application No.
10/004,316Applicant(s)
Joseph A. Zupanick
**Information Disclosure Citation
in an Application**
Docket Number
067083.0162

Group Art Unit

Filing Date
October 30, 2001

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,169,510	10/02/1979	Meigs	175	65	08/16/1977
B.	4,189,184	02/19/1980	Green	299	8	10/13/1978
C.	4,220,203	09/02/1980	Steeman	166	271	12/06/1978
D.	4,221,433	09/09/1980	Jacoby	299	4	07/20/1978
E.	4,257,650	03/24/1981	Allen	299	2	09/07/1978
F.	4,278,137	07/14/1981	Van Eek, deceased	175	267	06/18/1979
G.	4,296,785	10/27/1981	Vitello et al.	141	105	07/09/1979
H.	4,299,295	11/10/1981	Gossard	175	45	02/08/1980
I.	4,312,377	01/26/1982	Knecht	137	625.19	08/29/1979
J.	4,317,492	03/02/1982	Summers et al.	175	79	02/26/1980
K.	4,328,577	05/04/1982	Abbott et al.	370	84	06/03/1980
L.	4,366,988	01/04/1983	Bodine	299	14	04/07/1980
M.	4,372,398	02/08/1983	Kuckes	175	45	11/04/1980
N.	4,386,665	06/07/1983	Dellinger	175	61	10/27/1981
O.	4,390,067	06/28/1983	Willman	166	245	04/06/1981
P.	4,396,076	08/02/1983	Inoue	175	265	04/27/1981
Q.	4,397,360	08/09/1983	Schmidt	175	61	07/06/1981
R.	4,401,171	08/30/1983	Fuchs	175	267	12/10/1981

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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NON-PATENT DOCUMENTS

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PTO-1449		Application No. 10/004,316		Applicant(s) Joseph A. Zupanick			
Information Disclosure Citation in an Application FEB 15 2002		Docket Number 067083.0162		Group Art Unit		Filing Date October 30, 2001	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> PATENT & TRADEMARK OFFICE 895 </div>	A.	4,407,376	10/04/1983	Inoue	175	267	06/26/1981
	B.	4,442,896	04/17/1984	Reale et al.	166	278	07/21/1982
	C.	4,494,616	01/22/1985	McKee	175	67	07/18/1983
	D.	4,512,422	04/23/1985	Knisley	175	99	06/28/1983
	E.	4,519,463	05/28/1985	Schuh	175	61	03/19/1984
	F.	4,527,639	07/09/1985	Dickinson, III et al.	175	61	03/02/1983
	G.	4,532,986	08/06/1985	Mims et al.	166	50	05/05/1983
	H.	4,544,037	10/01/1985	Terry	166	369	02/21/1984
	I.	4,558,744	12/17/1985	Gibb	166	335	09/13/1983
	J.	4,565,252	01/21/1986	Campbell et al.	175	269	03/08/1984
	K.	4,573,541	03/04/1986	Josse et al.	175	78	08/09/1984
	L.	4,599,172	07/08/1986	Gardes	210	314	12/24/1984
	M.	4,600,061	07/15/1986	Richards	175	62	06/08/1984
	N.	4,605,076	08/12/1986	Goodhart	175	61	08/03/1984
	O.	4,611,855	09/16/1986	Richards	299	2	05/11/1984
	P.	4,618,009	10/21/1986	Carter et al.	175	267	08/08/1984
	Q.	4,638,949	01/27/1987	Mancel	239	307	04/26/1984
	R.	4,646,836	03/03/1987	Goodhart	166	303	12/20/1984
	S.	4,674,579	06/23/1987	Geller et al.	175	45	03/07/1985
T.	4,702,314	10/27/1987	Huang et al.	166	245	03/03/1986	
U.	4,715,440	12/29/1987	Boxell et al.	166	100	07/14/1986	
V.	4,754,819	07/05/1988	Dellinger	175	61	03/11/1987	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	W.							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	X.		
EXAMINER 		DATE CONSIDERED <div style="text-align: center; font-size: 1.2em;">3/18/03</div>	
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PTO-1449	Application No. 10/004,316	Applicant(s) Joseph A. Zupanick	
	Docket Number 067083.0162	Group Art Unit	Filing Date October 30, 2001

**Information Disclosure Citation
in an Application**

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PPS	4,763,734	08/16/1988	Dickinson et al.	175	61	12/23/1985
B.	4,830,105	05/16/1989	Petermann	166	241	02/08/1988
C.	4,842,081	06/27/1989	Parant	175	23	05/18/1988
D.	4,844,182	07/04/1989	Tolle	175	215	06/07/1988
E.	4,852,666	08/01/1989	Brunet et al.	175	61	04/07/1988
F.	4,978,172	12/18/1990	Schwoebel et al.	299	12	10/26/1989
G.	5,016,710	05/21/1991	Renard et al.	166	245	06/26/1987
H.	5,035,605	07/30/1991	Dinerman et al.	481	018	02/16/1990
I.	5,036,921	08/06/1991	Pittard et al.	166	298	06/28/1990
J.	5,074,360	12/24/1991	Guinn	166	281	07/10/1990
K.	5,074,365	12/24/1991	Kuckes	175	40	09/14/1990
L.	5,074,366	12/24/1991	Karlsson et al.	175	76	12/24/1991
M.	5,111,893	05/12/1992	Kvello-Aune	175	258	12/24/1990
N.	5,121,244	06/09/1992	Takasaki	359	161	03/15/1989
O.	5,135,058	08/04/1992	Millgard et al.	175	71	04/26/1990
P.	5,148,875	09/22/1992	Karlsson et al.	175	62	09/24/1991
Q.	5,165,491	11/24/1992	Wilson	175	62	04/29/1991
R.	5,168,942	12/08/1992	Wydrinski	175	50	10/21/1991
S.	5,174,374	12/29/1992	Hailey	166	55.8	10/17/1991
T.	5,193,620	03/16/1993	Braddick	166	382	08/05/1991
U.	5,194,859	03/16/1993	Warren	340	853.4	02/08/1991
V.	5,194,977	03/16/1993	Nishio	359	128	11/20/1990
PPS W.	5,197,553	03/30/1993	Leturno	175	57	08/14/1991

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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Z.		

EXAMINER

DATE CONSIDERED

David P. [Signature]

3/18/03

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PTO-1449		Application No. 10/004,316		Applicant(s) Joseph A. Zupanick			
Information Disclosure Citation in an Application		Docket Number 067083.0162		Group Art Unit		Filing Date October 30, 2001	

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
OPS		5,197,783	03/30/1993	Theimer et al.	299	17	04/29/1991
	B.	5,199,496	04/06/1993	Redus et al.	166	366	10/18/1991
	C.	5,201,817	04/13/1993	Hailey	175	269	12/27/1991
	D.	5,217,076	06/08/1993	Masek	166	303	09/27/1991
	E.	5,240,350	08/31/1993	Yamaguchi et al.	405	143	11/07/1991
	F.	5,242,017	09/07/1993	Hailey	166	55.8	12/27/1991
	G.	5,246,273	09/21/1993	Rosar	299	4	05/13/1991
	H.	5,255,741	10/26/1993	Alexander	166	278	12/11/1991
	I.	5,271,472	12/21/1993	Leturno	175	107	10/14/1992
	J.	5,301,760	04/12/1994	Graham	175	61	09/10/1992
	K.	5,363,927	11/15/1994	Frank	175	67	09/27/1993
	L.	5,385,205	01/31/1995	Hailey	166	55.8	10/04/1993
	M.	5,394,950	03/07/1995	Gardes	175	45	05/21/1993
	N.	5,402,851	04/04/1995	Baiton	166	369	05/03/1993
	O.	5,411,082	05/02/1995	Kennedy	166	181	01/26/1994
	P.	5,411,085	05/02/1995	Moore et al.	166	242	11/01/1993
	Q.	5,411,104	05/02/1995	Stanley	175	65	02/16/1994
	R.	5,431,220	07/11/1995	Lennon et al.	166	55.7	03/24/1994
	S.	5,435,400	07/25/1995	Smith	175	61	05/25/1994
	T.	5,450,902	09/19/1995	Matthews	166	268	05/14/1993
U.	5,454,419	10/03/1995	Vloedman	166	277	09/19/1994	
V.	5,462,116	10/31/1995	Carroll	166	249	10/26/1994	
W.	5,462,120	10/31/1995	Gondouin	166	380	01/04/1993	
OPS	X.	5,469,155	11/21/1995	Archambeault et al.	340	853.4	07/11/1994

FOREIGN PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
	Y.							

NON-PATENT DOCUMENTS		
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	Z.	
EXAMINER:		DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">3/18/03</div>
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PTO-1449

Application No.
10/004,316Applicant(s)
Joseph A. ZupanickDocket Number
067083.0162

Group Art Unit

Filing Date
October 30, 2001Information Disclosure Citation
in an Application

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,477,923	12/26/1995	Jordan, Jr. et al.	66	313	01/26/1994
B.	5,485,089	01/16/1996	Kuckes	324	346	10/08/1993
C.	5,494,121	02/27/1996	Nackerud	175	263	11/29/1994
D.	5,501,273	03/26/1996	Puri	166	252.5	10/04/1994
E.	5,501,279	03/26/1996	Garg et al.	166	372	01/12/1995
F.	5,584,605	12/17/1996	Beard et al.	405	128	06/29/1995
G.	5,615,739	04/01/1997	Dallas	166	306	04/30/1996
H.	5,659,347	08/19/1997	Taylor	347	85	11/14/1994
I.	5,669,444	09/23/1997	Riese et al.	166	263	01/31/1996
J.	5,680,901	10/28/1997	Gardes	166	313	12/14/1995
K.	5,690,390	11/25/1997	Bithell	299	4	04/19/1996
L.	5,706,871	01/13/1998	Anderson et al.	141	59	08/15/1995
M.	5,720,356	02/24/1998	Gardes	175	62	02/01/1996
N.	5,727,629	03/17/1998	Blizzard, Jr. et al.	166	298	01/24/1996
O.	5,735,350	04/07/1998	Longbottom et al.	166	313	10/15/1996
P.	5,785,133	07/28/1998	Murray et al.	175	61	08/29/1995
Q.	5,832,958	11/10/1998	Cheng	137	625.41	09/04/1997
R.	5,852,505	12/22/1998	Li	359	118	12/02/1996
S.	5,853,054	12/29/1998	McGarian et al.	175	267	07/22/1997
T.	5,853,056	12/29/1998	Landers	175	424	04/01/1996
U.	5,863,283	01/26/1999	Gardes	588	250	02/10/1997
V.	5,867,289	02/02/1999	Gerstel et al.	359	110	12/24/1996
W.	5,868,202	02/09/1999	Hsu	166	256	09/22/1997

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
X.							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
Y.		

EXAMINER

DATE CONSIDERED

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PTO-1449	Application No. 10/004,316	Applicant(s) Joseph A. Zupanick	
	Docket Number 067083.0162	Group Art Unit	Filing Date October 30, 2001

**Information Disclosure Citation
in an Application**

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	5,868,210	02/09/1999	Johnson et al.	175	40	05/01/1996
B.	5,879,057	03/09/1999	Schwoebel et al.	299	17	11/12/1996
C.	5,884,704	03/23/1999	Longbottom et al.	16	313	08/20/1997
D.	5,912,754	06/15/1999	Koga et al.	359	179	10/17/1996
E.	5,914,798	06/22/1999	Liu	359	161	12/29/1995
F.	5,917,325	06/29/1999	Smith	324	326	08/25/1997
G.	5,934,390	08/10/1999	Uthe	175	67	12/23/1997
H.	5,957,539	09/28/1999	Durup et al.	299	4	07/17/1997
I.	6,024,171	02/15/2000	Montgomery et al.	166	308	03/12/1998
J.	6,065,550	05/23/2000	Gardes	175	62	02/19/1998
K.	6,119,771	09/19/2000	Gano et al.	166	50	01/27/1998
L.	6,135,208	10/24/2000	Gano et al.	166	313	05/28/1998
M.	6,280,000	08/28/2001	Zupanick	299	12	11/20/1998
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	5,411,105	05/02/1995	Gray	175	69	06/14/1994
B.						
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FOREIGN PATENT DOCUMENTS

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PTO-1449	Application No. 10/004,316	Applicant(s) Joseph A. Zupanick	
	Docket Number 067083.0162	Group Art Unit 3672	Filing Date October 06, 2001

**Information Disclosure Citation
in an Application**

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U.S. PATENT DOCUMENTS

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GROUP 3600

	PATENT & TRADEMARK NO.	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PPS	A.	3,887,008	06/03/1975	Canfield	166	267	03/21/1974
	B.	4,011,890	03/15/1977	Anderrson	137	625.4	11/04/1975
	C.	4,022,279	05/10/1977	Driver	166	271	12/23/1974
	D.	4,283,088	08/11/1981	Tabakov et al.	299	2	05/14/1979
	E.	4,305,464	12/15/1981	Masszi	166	370	03/07/1980
	F.	4,705,431	11/10/1987	Gadelle et al.	405	267	12/20/1984
	G.	4,773,488	09/27/1988	Bell et al.	175	61	08/08/1984
	H.	4,756,367	07/12/1988	Puri et al.	166	263	04/28/1987
	I.	4,836,611	06/06/1989	El-Saie	299	7	05/09/1988
	J.	4,883,122	11/28/1989	Puri et al.	166	263	09/27/1988
	K.	5,082,054	01/21/1992	Kiamanesh	166	248	08/22/1990
	L.	5,458,209	10/17/1995	Hayes et al.	175	61	06/11/1993
	M.	5,771,976	06/30/1998	Talley	166	370	06/19/1996
	N.	6,012,520	01/11/2000	Yu et al.	166	245	01/04/1999
	O.	6,050,335	04/18/2000	Parsons	166	272.3	10/26/1998
	P.	6,349,769 B1	02/26/2002	Ohmer	166	313	03/03/2000
	Q.	6,357,523 B1	03/19/2002	Zupanick	166	52	11/19/1999
PPS	R.	6,425,448 B1	07/30/02	Zupanick et al.	175	61	01/30/2001

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
PPS	S.	WO 00/31376	06/02/00	PCT	E21C	41/00	X

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
PPS	T.	Arfon H. Jones et al., "A Review of the Physical and Mechanical Properties of Coal with Implications for Coal-Bed Methane Well Completion and Production", <i>Rocky Mountain Association of Geologists</i> , pp 169-181	1988
	U.	Joseph C. Stevens, "Horizontal Applications for Coal Bed Methane Recovery, 3rd Annual Coalbed and Coal Mine Conference, <i>Strategic Research Institute</i> , pp 1-10 slides	03/25/2002
	V.	R.J. "Bob" Stayton, "Horizontal Wells Boost CBM Recovery", Special Report: Horizontal & Directional Drilling, <i>The American Oil & Gas Reporter</i> , pp. 71-75	08/2002
PPS	W.	Kelley et al., US. Patent Application Publication No. US 2002/0074122 A1 "Method and Apparatus for Hydrocarbon Subterranean Recover	06/20/2002

EXAMINER

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PTO-1449		Application No. 10/004,316		Applicant Joseph A. Zupanick			
Information Disclosure Citation in an Application		Docket Number 067083.0162		Group Art Unit 3672		Filing Date October 30, 2001	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DP1	A.	4,030,310	06/21/1977	Schirtzinger	61	86	03/04/1976
DP5	B.	4,136,996	01/30/1979	Burns	405	195	05/23/1977
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DP5	U. Susan Eaton, "Reversal of Fortune", New Technology Magazine, pp. 30-31	09/2002
1	V. James Mahony, "A Shadow of Things to Come", New Technology Magazine, pp. 28-29	09/2002
	W. Documents Received from Third Party, Great Lakes Directional Drilling, Inc., (12 pages)	Received 09/12/02
DP5	X. U.S. Department of Energy, "Slant Hole Drilling", (1 page)	04/1999

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